IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

App	lication	No. 09/886,659				
Title		HOD AND APPARATUS FOR LO SEARCH KEY	OGICALLY EXPANDING THE LENGTH			
Inve	ntor: D	Pavid A. Brown	Confirmation No. 4746			
Filin	g Date:	June 21, 2001	Examiner: Kristie D. Shingles			
Atto	rney Do	ocket No. 42923/905	Group Art Unit: 2448			
		SUPPLEMENTAL INFORMAT	ON DISCLOSURE STATEMENT			
то т	НЕ СО	MMISSIONER FOR PATENTS:				
1.	Pursuant to the duty of disclosure, documents listed on the accompanying Form PTO-1449 (or equivalent) are presented for the Examiner's consideration.					
		Copies of listed U.S. patents and required for submission. (37 C.I	U.S. patent application publications are not F.R. § 1.98(a)(2)(ii))			
		Copies of listed foreign patent de enclosed. (37 C.F.R. § 1.98(a)(2	ocuments and/or non-patent literature are))			
		PTO-1449 (or equivalent) are on U.S. Patent Application Noapplication relies for an earlier finformation disclosure statement	of the attached Form nitted because (1) they are already of record in, filed, on which this ling date under 35 U.S.C. § 120; and (2) any filed in the prosecution of Application a 37 CFR §§ 1.98(a) through (c). (37 C.F.R.			
		, for, attached Form PTO-1449 (or equ	Application No, filed, listed at (sheet/cite no.) of the aivalent), is enclosed / is omitted. (Copy 1. 1287 OG 163 (Oct. 19, 2004).).			
2.	This information disclosure statement is being submitted (check box a., b., or c.):					
	a.	the national stage in an infirst Office action on the action after the filing of a	ne filing date of a national application or entry of atternational application; or before the mailing of a merits; or before the mailing of a first Office a request for continued examination under ment under 37 CFR 1.97(e) is required.); or			

	b.		After the period set forth in paragraph 2a, but before the mailing date of either a final action, a notice of allowance, or an action that otherwise closes prosecution in the application. (Check box i. or ii.)			
		i.	\boxtimes	The \$180.00 information disclosure statement submission fee set forth in 37 CFR 1.17(p) is paid herewith, or		
		ii.		A statement specified by 37 CFR 1.97(e) is set forth below; or		
	c.		before is set f	he mailing date of a final action or notice of allowance and on or payment of the issue fee. A statement specified by 37 CFR 1.97(e) orth below. Enclosed is the \$180.00 information disclosure ent processing fee set forth in 37 CFR 1.17(p).		
3.	Fee Payment					
	a.		A chec	ck in the amount of \$ is enclosed.		
	b.	\boxtimes	Payment by credit card.			
	c.			charge our Deposit Account No. 19-4455 in the amount of		
	d.	\boxtimes	which	ommissioner is hereby authorized to charge any additional fees may be required in connection with filing of these papers, or credit syment to Deposit Account No. 19-4455.		
4.	If a statement specified by 37 CFR 1.97(e) is required, the attorney or agent signing below hereby states that:					
		each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; or				
		no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.				

5.		A concise explanation of the relevance of each document not in the English language and/or selected documents in the English language is set forth below				
		Respectfully submitted,				
		SAtech Group A.B. Limited Liability Company				
Date:	!//	By: Nathan D. Scherer Registration No. 58,460				

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